

# addMonths()

This function **adds** or **subtracts** months to or from **any given date**.

### Syntax

addMonths(timestamp, numberOfMonths, timeZone) #Output: Number

### Examples

Parser expression	Description
<pre>addMonths({issue.dueDate}, 3, LOCAL)</pre>	<p>This example <b>adds 3 months</b> to the issue's <b>due date</b>.</p> <div><p>If the due date was set to <b>March 25th, 2020 23:15</b> the output would be <b>June 25th, 2020 23:15</b> (in milliseconds).</p></div>
<pre>addMonths({issue.cf11025}, -2, USER_LOCAL)</pre>	<p>This example <b>subtracts 2 months</b> from the custom date-time field (with the ID 11025).</p> <p>Instead of the <b>Jira server's local time</b> this example uses the <b>current user's time zone</b>.</p> <div><p>If the custom field value was set to <b>March 25th, 2020 23:15</b> the output would be <b>January 25th, 2020 23:15</b> (in milliseconds).</p></div>

### Additional information

#### Parameters used in this function

Parameter	Input (data type)	Description
timestamp	<div>NUMBER</div>	The parameter must be valid <b>timestamp</b> . Usually this value is retrieved from a <a href="#">field</a> (e.g. due date, created date).
numberOfMonths	<div>NUMBER</div>	<p>The <b>offset</b> in months. <b>Negative</b> values are used to <b>subtract</b> months.</p> <p>Internally JWT multiplies this value with the time macro <code>{MONTH}</code> to add full days to the timestamp. <a href="#">Learn more about time macros</a>.</p>
timeZone	<div>TIMEZONE</div>	The <b>time zone</b> used for the calculation.

### Output

This function returns a 

NUMBER



 representing a timestamp

Use this function instead of simply adding `n * {MONTH}`, since `{MONTH}` is a macro equivalent to `30 * {DAY}`, not taking into account that there are months with 31/28/29 days.

Negative values for `n` are used in order to **subtract**.



## Use cases and examples

Use case	JWT feature	Workflow function	Field type	Automated action	Parser functions
Set a date two months after the end of the quarter		Update or copy field values			nextTime() addMonths()
Create a sub-task for every recurring deadline within a task		Create issue			addMonths() getMatchingValue() dateToString()